| Issue Classification |
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| Application/Control No. | Applicant(s)/Patent | under |
|-------------------------|---------------------|-------|
| 10/687,815              | IKEDA ET AL.        |       |
| Examiner                | Art Unit            |       |
| Peter Lee               | 2852                |       |

|                                     |      |     |       |                                | IS       | SUE C                             | LASSIF       | ICATIO                      | ON                      |                    |  |   |  |  |  |  |  |
|-------------------------------------|------|-----|-------|--------------------------------|----------|-----------------------------------|--------------|-----------------------------|-------------------------|--------------------|--|---|--|--|--|--|--|
| ORIGINAL                            |      |     |       |                                |          | CROSS REFERENCE(S)                |              |                             |                         |                    |  |   |  |  |  |  |  |
| CLASS SUBCLASS                      |      |     |       |                                | CLASS    | SUBCLASS (ONE SUBCLASS PER BLOCK) |              |                             |                         |                    |  |   |  |  |  |  |  |
| 399 227                             |      |     | 399   | 119 226 228 265 269 294        |          |                                   |              |                             |                         |                    |  |   |  |  |  |  |  |
| II                                  | NTER | NAT | ONAL  | CLASSIFICATION                 |          |                                   |              |                             |                         |                    |  |   |  |  |  |  |  |
| G                                   | 0    | 3   | G     | 15/08                          |          |                                   |              |                             |                         |                    |  |   |  |  |  |  |  |
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|                                     |      |     | er Le | ee 6/13/20<br>t Examiner) (Dat | <b>I</b> | QS                                | Arthu        | r T. Grimley                | Total Claims Allowed: 4 |                    |  |   |  |  |  |  |  |
| (Legal Instruments Examiner) (Date) |      |     |       |                                |          | (D-i-                             | Supervisory  | Patent Exen<br>gy Center 28 | O<br>Print C            | O.G.<br>Print Fig. |  |   |  |  |  |  |  |
|                                     |      |     |       |                                |          | (Pfil                             | nary Exammei | 40 TO                       | ( ;                     | 6                  |  |   |  |  |  |  |  |

|       | Claims renumbered in the same order as presented by applicant |   |       |          |  |       |          |     |       | ☐ CPA    |  |       | ☐ T.D.   |   |       | ☐ R.1.47 |  |       |          |
|-------|---|---|-------|----------|--|-------|----------|-----|-------|----------|--|-------|----------|---|-------|----------|--|-------|----------|
| Final | Original  |   | Final | Original |  | Final | Original |     | Final | Original |  | Final | Original |   | Final | Original |  | Final | Original |
|       | 1   |   |       | 31       |  |       | 61       |     |       | 91       |  |       | 121      | į |       | 151      |  |       | 181      |
|       | 2   | i |       | 32       |  |       | 62       | ]   |       | 92       |  |       | 122      |   |       | 152      |  |       | 182      |
|       | 3   |   |       | 33       |  |       | 63       | 1   |       | 93       |  |       | 123      |   |       | 153      |  |       | 183      |
|       | 4   |   |       | 34       |  |       | 64       | ]   |       | 94       |  |       | 124      |   |       | 154      |  |       | 184      |
| 1     | 5   |   |       | 35       |  |       | 65       | 1   |       | 95       |  |       | 125      |   |       | 155      |  |       | 185      |
| 2     | 6   |   |       | 36       |  |       | 66       |     |       | 96       |  |       | 126      |   |       | 156      |  |       | 186      |
| 3     | 7   |   |       | 37       |  |       | 67       |     |       | 97       |  |       | 127      |   |       | 157      |  |       | 187      |
| 4     | 8   |   |       | 38       |  |       | 68       |     |       | 98       |  |       | 128      |   |       | 158      |  |       | 188      |
|       | 9   |   |       | 39       |  |       | 69       |     |       | 99       |  | 1     | 129      |   |       | 159      |  |       | 189      |
|       | 10  |   |       | 40       |  |       | 70       |     |       | 100      |  |       | 130      |   |       | 160      |  |       | 190      |
|       | 11  |   |       | 41       |  |       | 71       |     |       | 101      |  |       | 131      |   |       | 161      |  |       | 191      |
|       | 12  |   |       | 42       |  |       | 72       | ]   |       | 102      |  |       | 132      |   |       | 162      |  |       | 192      |
|       | 13  |   |       | 43       |  |       | 73       | ] . |       | 103      |  |       | 133      |   |       | 163      |  |       | 193      |
|       | 14  |   |       | 44       |  |       | 74       | ] : |       | 104      |  |       | 134      |   |       | 164      |  |       | 194      |
|       | 15  |   |       | 45       |  |       | 75       | 1   |       | 105      |  |       | 135      |   |       | 165      |  |       | 195      |
|       | 16  |   |       | 46       |  |       | 76       |     |       | 106      |  |       | 136      |   |       | 166      |  |       | 196      |
|       | 17_   |   |       | 47       |  |       | 77       | ] . |       | 107      |  |       | 137      |   |       | 167      |  |       | 197      |
|       | 18  |   |       | 48       |  |       | 78       | 1   |       | 108      |  |       | 138      |   |       | 168      |  |       | 198      |
|       | 19  | i |       | 49       |  |       | 79       | ]   |       | 109      |  |       | 139      |   |       | 169      |  |       | 199      |
|       | 20  | i |       | 50       |  |       | 80       |     |       | 110      |  |       | 140      |   |       | 170      |  |       | 200      |
|       | 21  |   |       | 51       |  |       | 81       | }   |       | 111      |  |       | 141      |   |       | 171      |  |       | 201      |
|       | 22  |   |       | 52       |  |       | 82       | }   |       | 112      |  |       | 142      |   |       | 172      |  |       | 202      |
|       | 23  |   |       | 53       |  |       | 83       |     |       | 113      |  |       | 143      |   |       | 173      |  |       | 203      |
|       | 24  |   |       | 54       |  |       | 84       |     |       | 114      |  |       | 144      |   |       | 174      |  |       | 204      |
|       | 25  |   |       | 55       |  |       | 85       | ]   |       | 115      |  |       | 145      |   |       | 175      |  |       | 205      |
|       | 26  | 1 |       | 56       |  |       | 86       | ]   |       | 116      |  |       | 146      |   |       | 176      |  |       | 206      |
|       | 27  |   |       | 57       |  |       | 87       | ]   |       | 117      |  |       | 147      |   |       | 177      |  |       | 207      |
|       | 28  |   |       | 58       |  |       | 88       | ]   |       | 118      |  |       | 148      |   |       | 178      |  |       | 208      |
|       | 29  |   |       | 59       |  |       | 89       | ]   |       | 119      |  |       | 149      |   |       | 179      |  |       | 209      |
|       | 30  |   | L     | 60       |  |       | 90       |     |       | 120      |  |       | 150      |   |       | 180      |  |       | 210      |